



# EMPOWERING STUDENT ENTREPRENEURS

Internship & Innovation booklet  
2025-26



# Introduction

Plyronest is a student-driven startup incubation and innovation platform based in Tumkur, Karnataka. It aims to bridge the gap between academics and real-world entrepreneurship. Plyronest supports student founders by offering mentorship, hands-on training, and resources to turn ideas into real startups.

**250+**

Students Trained through bootcamps, mentorship programs, and real-time innovation challenges

**30+**

Startup Prototypes successfully developed by student teams across India

## **Growing Network**

Expanding across India and Europe, creating cross-border collaboration and learning opportunities.

## **End-to-End Support**

From ideation to execution, students receive full guidance until they are ready to lead on their own.

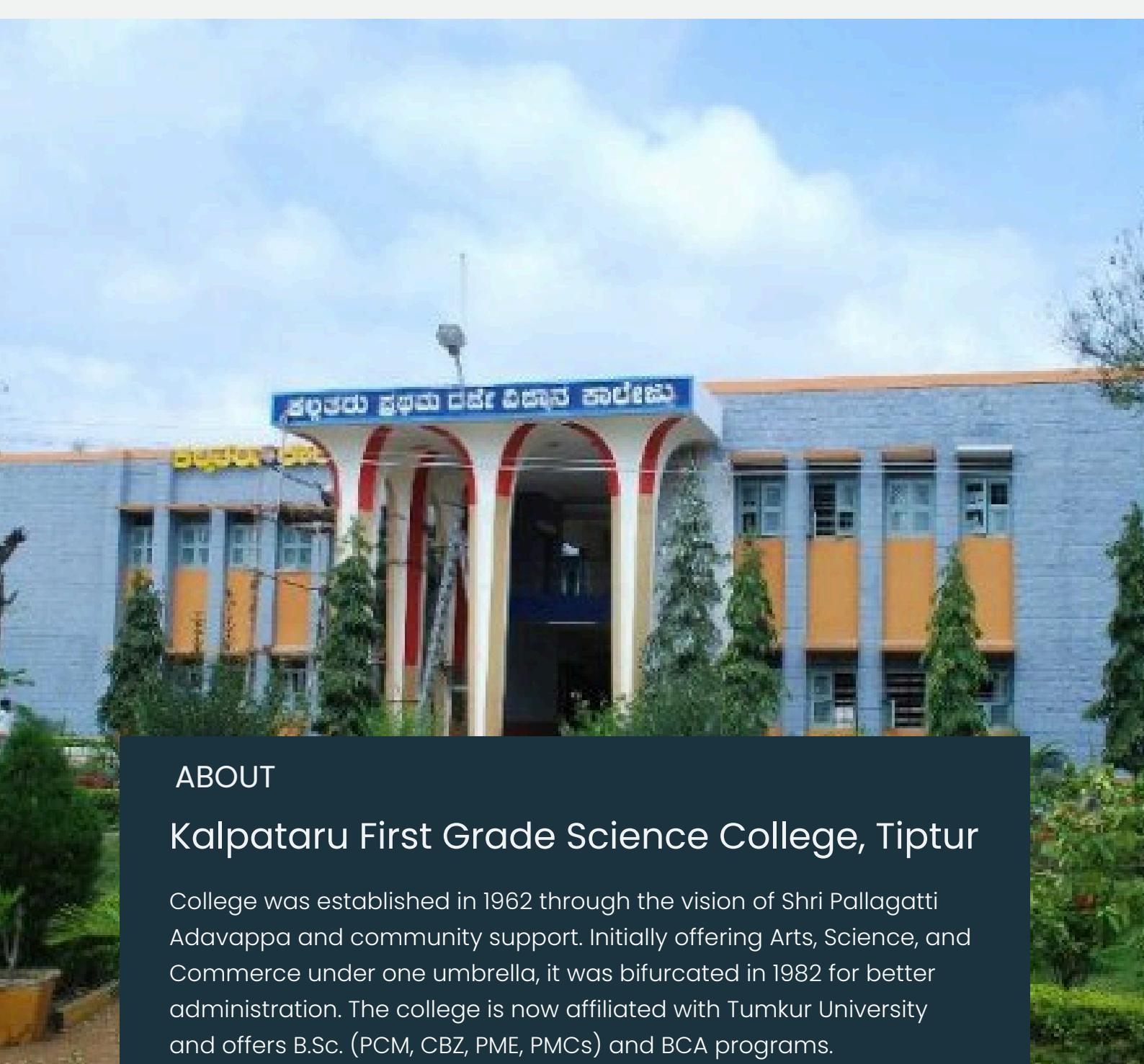
## **Real Exposure**

Projects featured at national-level expos and startup summits, sparking entrepreneurship culture in student communities.



We believe that students are the future innovators and entrepreneurs. This internship program was curated to bridge the gap between classroom learning and real-world startup experience. We are proud to collaborate with Kalpataru First Grade Science College to guide students in UI/UX design, web development, and entrepreneurial thinking. This record captures our collective journey of learning, building, and growing.

**Team PLYRoNeST**



## ABOUT

### Kalpataru First Grade Science College, Tiptur

College was established in 1962 through the vision of Shri Pallagatti Adavappa and community support. Initially offering Arts, Science, and Commerce under one umbrella, it was bifurcated in 1982 for better administration. The college is now affiliated with Tumkur University and offers B.Sc. (PCM, CBZ, PME, PMCs) and BCA programs.

Recognized for academic excellence and consistent NAAC accreditation, the college achieved an 'A' grade with 3.07 CGPA in 2016. It hosts active NCC, NSS, Scouts & Guides, and Youth Red Cross units. With modern infrastructure including internet-enabled departments and a 20-system computer lab, it emphasizes inclusive, quality education.

The Career Guidance Cell regularly organizes training and placements, attracting firms like Wipro, TCS, and L&T. Over the years, the college has welcomed renowned guests including Dr. A.P.J. Abdul Kalam, Kuvempu, and Dr. Rajkumar.

# Problem Statement

Despite their academic background, problem-solving abilities, and innovative thinking, B.Sc. and BCA students often struggle to break into entrepreneurship due to:

- Limited exposure to startup culture
- Financial insecurity and risk aversion
- Lack of mentorship, funding, and business knowledge
- Curriculum focused more on theory than practical execution

These factors discourage students from launching startups during their studies.



# Our Solution

Plyronest offers an innovative solution through:

- **Internship Programs** that provide hands-on training in real-time startup development.
- **Startup Management Services** where we run student startups until graduation.
- **Problem-Solving Projects** aimed at nurturing real-world thinking and skills
- **Mentorship & Funding Access** via partnerships and events like INEX.



# How PLYRoNeST Works

## Internship & Training

Learn by doing—hands-on experience in design, development, marketing, and startups through real projects

## Startup Incubation

Got an idea? We help turn it into a startup with mentorship, prototype support, and launch guidance.

## Fund & Project Support

You build, we manage—funding, promotions, and operations handled so you can focus on learning and creating.

## Competitions & Exposure

Pitch your ideas on national and international stages like INEX & SIH. Build confidence, network, and gain recognition.

## Community & Collaboration

Join a like-minded community of creators, mentors, and peers. Collaborate, grow together, and turn ideas into impact.

# Course Modules

- UI/UX & Web Design
- Prototype & Product Design
- Mobile App & Front-End Development
- Arduino & IoT
- Blockchain Basics
- Digital Marketing & Branding
- Project Management (Agile, Scrum)
- Entrepreneurship & Business Planning





## ABOUT INEX

The India International Innovation & Invention Expo (INEX) is a national platform hosted annually to celebrate student-led innovation.

9th Edition: November 20–22, 2025 | Goa + Virtual

### Highlights:

- Workshops by industry experts
- Live startup pitching
- Innovation Awards
- Mentorship & Networking

# INEX 2024 – Karnataka Chapter



## Hosted by: Jyothy Institute of Technology, Bengaluru

Organized in association with: IEEE Bangalore Section | INEX India | PLYRoNeST

Jyothy Institute of Technology proudly hosted the Karnataka Chapter of INEX 2024 – Metropolitan Track, a premier Innovation and Entrepreneurship Challenge that brought together brilliant student innovators from across the state.

This exciting event was held in collaboration with IEEE, INEX India, and PLYRoNeST, a student-centric startup platform committed to mentoring young minds. With an open theme format, students were invited to pitch their most impactful, scalable, and tech-driven solutions to real-world problems.

### Event Highlights:

- 30+ student teams participated
- ₹25,000 in prize pool rewards
- Top 6 teams received exclusive mentorship from PLYRoNeST and entry to INEX Goa
- Focus on sustainability, smart cities, and social innovation

From ideation to execution, the event saw incredible energy, collaboration, and mentorship. We extend our heartfelt thanks to all the participants, mentors, and volunteers who made the event a grand success.

# Internship Program



We are delighted to announce our collaboration with **Kalpataru First Grade Science College, Tiptur**, for conducting a focused Internship Program on Web Development, with a special emphasis on **UI/UX design and Front-End technologies**.

This internship is tailored for final-year students (6th Semester) of **BCA and BSc**, and is scheduled to take place from May 10th to June 15th, 2025.

The objective of this internship is to provide students with hands-on experience in modern web development practices, enabling them to bridge the gap between academic concepts and real-world applications. Through interactive sessions, mentorship, and practical projects, students will gain a solid foundation in user interface design, user experience strategy, and front-end development tools and techniques.

We believe this initiative will not only enhance the technical competencies and industry readiness of the students but also foster a culture of innovation and collaboration.

# INEX 2024



# Success Stories



## Harish Reddy Team

### 6th Semester, AIML – Shetty Institute of Technology, Kalaburagi

At PLYRoNeST, we are proud to have supported Harish Reddy, a passionate and innovative student, on his journey of turning ideas into impactful solutions. Harish participated in the State-Level Hackathon organized by PLYRoNeST in Bengaluru Urban and Rural, where his performance earned him selection for the INEX National Hackathon held in Madgoa, Goa. There, he secured Gold medals for both of his projects, showcasing his technical excellence and problem-solving mindset.

Harish worked on two real-world applications:

- ◆ **Elderly Care Monitoring System** – An Arduino-based system that tracks heart rate and stress levels using biomedical sensors, aimed at enhancing elderly safety and health monitoring.
- ◆ **Single-Phase Electric Fault Detection System** – A smart solution to detect overloads and short circuits in single-phase lines, improving electrical safety in homes and small industries.

His work reflects the mission of PLYRoNeST – to empower students with the right platform, mentorship, and exposure to build solutions that matter. We celebrate Harish's success and look forward to seeing his future innovations.



### **Vinayakumar P Zingade**

#### **PES College of Engineering, Mandyā**

At PLYRoNeST, we are proud to support student entrepreneurs like Vinayakumar P Zingade, who continue to inspire us with their vision and drive. Vinayakumar has shared heartfelt appreciation for the mentorship and opportunities provided through our platform.

#### **He reflects:**

"PLYRoNeST is truly a great company that not only offers excellent opportunities for budding innovators but also stands as a strong pillar of mentorship and guidance. Their approach to nurturing talent and encouraging entrepreneurial thinking is highly impactful. The support system helps transform ideas into reality, making it a perfect launchpad for students aspiring to make a mark in the startup world. Thank you, PLYRoNeST, for believing in young minds and empowering us to grow."

We're honored to have been part of his journey and remain committed to empowering more students across the country with resources, mentorship, and real-world opportunities to innovate and lead.



### Vrinda K. S.

#### RV College of Engineering, Bengaluru

At PLYRoNeST, we proudly support passionate changemakers like Vrinda K. S., who showcased her dedication to solving real-world problems through innovation. Her team's project, Urban Aqua Cival, addressed urban water challenges using smart monitoring and sustainable distribution. It earned them 3rd place at the IEEE Conference hosted by Jyothi Engineering College. This success propelled them to the national stage at INEX 2024, Goa, where they competed among the brightest minds across India. To ease their journey, PLYRoNeST sponsored 50% of their registration, enabling them to focus on refining and presenting their solution without financial stress. With the guidance of Lohith Sir, Vrinda's team turned their idea into a well-engineered, impactful prototype. The experience also helped them build technical, presentation, and teamwork skills preparing them for bigger challenges ahead. We are honored to have played a part in their journey and remain committed to nurturing student-driven innovations that create lasting impact.



## Team Smart Spark

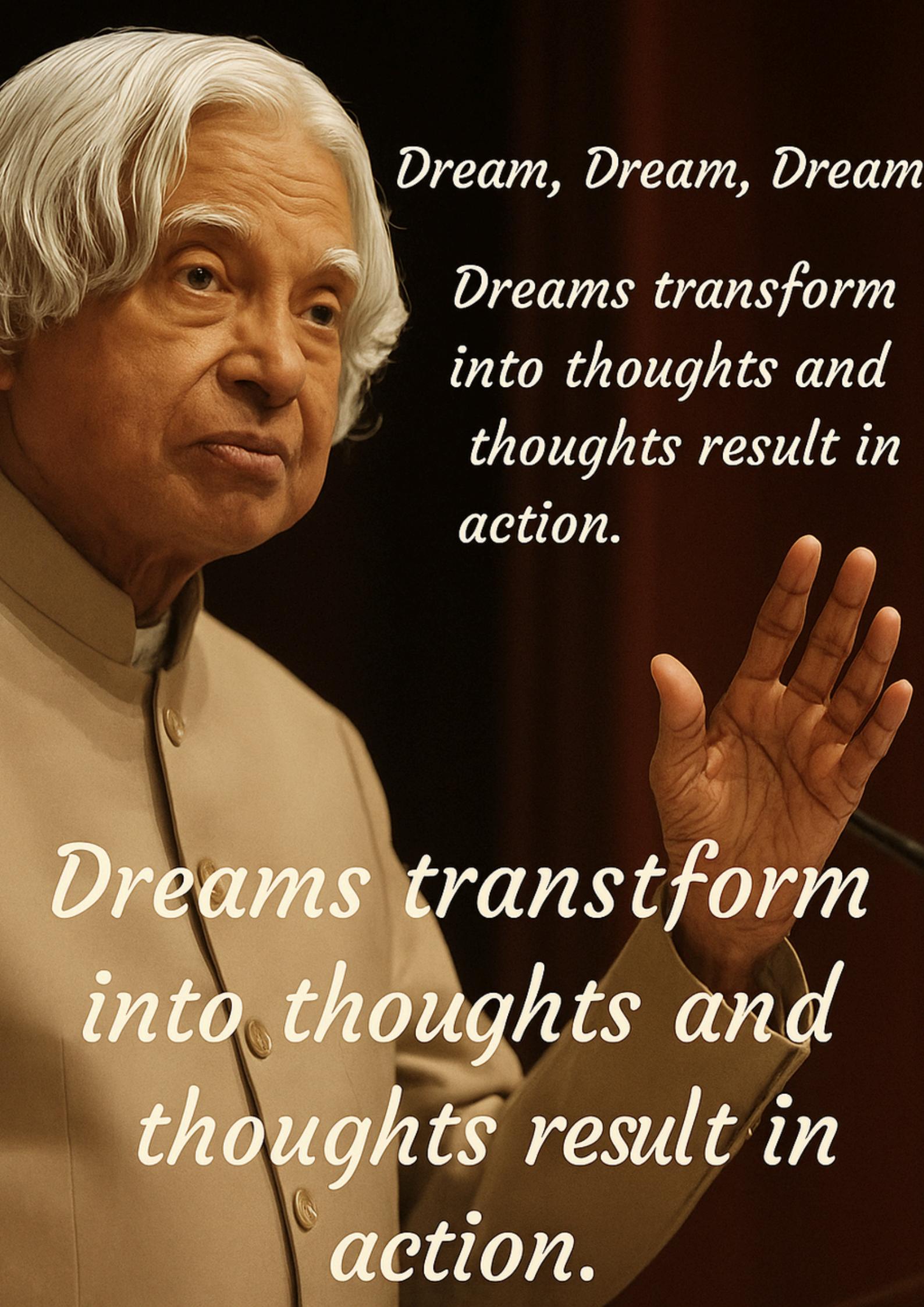
### Nimet, Shiva Rampure, Brinda – INEX 2024 Participants

Participating in INEX 2024 was a truly transformational experience for us. We're Team Smart Spark – Nimet, Shiva, and Brinda – and we are incredibly grateful to PLYRoNeST for curating such a powerful platform for young innovators.

From the beginning, the event offered more than just competition. It gave us exposure to expert mentorship, hands-on feedback, and a space to grow both technically and personally. The mentors challenged our assumptions and guided us toward real-world applications of our project – a level of engagement that was truly enriching.

What stood out was not only the depth of feedback but also the flawless event organization. The INEX team ensured smooth coordination, timely updates, and continuous support throughout, allowing us to focus on what mattered most – innovation.

Beyond the awards, INEX 2024 expanded our thinking, connected us with brilliant minds from across the country, and inspired us to build for impact. We thank PLYRoNeST, the mentors, and the organizing team for this unforgettable journey.



*Dream, Dream, Dream  
Dreams transform  
into thoughts and  
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# Collaborated With



📞 7892648995 , 9353857575

✉️ plyronest8@gmail.com

🌐 [www.plyronest.com](http://www.plyronest.com)

